

QUALIFICATIONS VALIDATED
SEMIANNUALLY

QPL-55681-101
31 July 1998
SUPERSEDING
QPL-55681-100
6 February 1998

QUALIFIED PRODUCTS LIST

OF

PRODUCTS QUALIFIED UNDER MILITARY SPECIFICATION

MIL-PRF-55681

CAPACITORS, CHIP, MULTIPLE LAYER, FIXED, UNENCAPSULATED,

CERAMIC DIELECTRIC, ESTABLISHED RELIABILITY

GENERAL SPECIFICATION FOR

This list has been prepared for use by or for the Government in the acquisition of products covered by Specification MIL-PRF-55681. Listing of a product is not intended to and does not connote endorsement of the product by the Department of Defense. All products listed herein have been qualified under the requirements for the product as specified in the latest effective issue of the applicable specification. This list is subject to change without notice; revision or amendment of this list will be issued as necessary. The listing of a product does not release the supplier from compliance with the specification requirements.

THE ACTIVITY RESPONSIBLE FOR THIS QPL IS THE U.S. ARMY COMMUNICATIONS-ELECTRONICS COMMAND AND FORT MONMOUTH. The activity designated as agent for all contacts relative to this QPL is the Defense Supply Center Columbus (DSCC-VQ), Columbus, OH 43216-5000.

NOTES: An asterisk (*) adjacent to the product listing indicates that qualified parts listed on the QPL are available through distributors authorized by the manufacturer in accordance with Military Standard MIL-STD-790. Names and addresses of the distributors are listed in the back of this QPL. These lists are being furnished merely as an aid in identifying authorized sources of ER parts and the responsibility for complying with contractual provisions requiring use of such parts rests with the user of such parts. Such lists have been compiled from information furnished by the manufacturers of ER parts prior to release of this QPL for printing.

Inclusion on, or omission from, the list of a particular distributor cannot be relied upon as a guarantee of such distributor's status since the information upon which the list is based may not have been complete and authorized distributors are subject to change by the manufacturer at any time. Inclusion of a firm on such list is not, under any circumstance, to be considered an indorsement of such firm or its products by the Department of Defense.

GOVERNMENT DESIGNATION	MANUFACTURER'S TEST OR DESIGNATION	SPECIFI- CATION OR TYPE NUMBER REFERENCE	MANUFACTURER'S NAME (ADDRESS ON LAST PAGE)
CDR01*	0805-CDR01	55681-399-79	/1 AVX Ceramics Corp. (1) All cap. values and tols., in 50 and 100 volts, BP and BX rated temp. and volt. temp. limits, terms. M, N, S, U, W and Y, life failure rates M, P, R, S.
CDR01*	0805	55681-949-87	/1 AVX Ceramics Corp. (2) All cap. values and tols., in 50 and 100 volts, BP and BX rated temp. and volt. temp. limits, term. M, life failure rate M.
CDR01*	C0805	55681-887-73	/1 Kemet Electronics Corp. All cap. values and tols., in 50 and 100 volts, BP and BX rated temp. and volt. temp. limits, terms. S, U, W, Y, life failure rates M, P, R, S.
CDR01	CDR01	55681-659-85	/1 Presidio Components, Inc. All cap. values and tols., in 50 and 100 volts, BP and BX rated temp. and volt. temp. limits, terms. M, S, U, W, Z, life failure rates M, P, R.
CDR01*	7271	55681-880-75	/1 Vitramon, Inc. All cap. values and tols., in 50 and 100 volts, BP and BX rated temp. and volt. temp. limits, terms. M, W, Y, life failure rates M, P, R, S.

GOVERNMENT DESIGNATION	MANUFACTURER'S DESIGNATIO OR TYPE NUMBER	TEST OR QUALIFICATION REFERENCE	SPECIFI- CATION SHEET	MANUFACTURER'S NAME (ADDRESS ON LAST PAGE)
CDR02*	1805-CDR02	55681-399-79	/1	AVX Ceramics Corp. (1) All cap. values and tols., in 50 and 100 volts, BP and BX rated temp. and volt. temp. limits, terms. M, N, S, U, W, Y, life failure rates M, P, R, S.
CDR02*	1805	55681-950-87	/1	AVX Ceramics Corp. (2) All cap. values and tols., in 50 and 100 volts, BP and BX rated temp. and volt. temp. limits, term. M, life failure rate M.
CDR02*	C1805	55681-888-73	/1	Kemet Electronics Corp. All cap. values and tols., in 50 and 100 volts, BP and BX rated temp. and volt. temp. limits, terms. S, U, W, Y, life failure rates M, P, R, S.
CDR02*	7272	55681-881-75	/1	Vitramon, Inc. All cap. values and tols., in 50 and 100 volts, BP and BX rated temp. and volt. temp. limits, terms. M, W, Y, life failure rates M, P, R, S.
CDR03*	1808-CDR03	55681-400-79	/1	AVX Ceramics Corp. (1) All cap. values and tols., in 50 and 100 volts, BP and BX rated temp. and volt. temp. limits, terms. M, N, S, U, W, Y, life failure rates M, P, R, S.
CDR03*	1808	55681-951-87	/1	AVX Ceramics Corp. (2) All cap. values and tols., in 50 and 100 volts, BP and BX rated temp. and volt. temp. limits, term. M, life failure rate M.
CDR03*	C1808	55681-889-73	/1	Kemet Electronics Corp. All cap. values and tols., in 50 and 100 volts, BP and BX rated temp. and volt. temp. limits, terms. S, U, W, Y, life failure rates M, P, R, S.
CDR03	CDR03	55681-660-85	/1	Presidio Components, Inc. All cap. values and tols., in 50 and 100 volts, BP and BX rated temp. and volt. temp. limits, terms. M, S, U, W, Z, life failure rates M, P, R.
CDR03*	7273	55681-882-75	/1	Vitramon, Inc. All cap. values and tols., in 50 and 100 volts, BP and BX rated temp. and volt. temp. limits, terms. M, W, Y, life failure rates M, P, R, S.
CDR04*	1812-CDR04	55681-400-79	/1	AVX Ceramics Corp. (1) All cap. values and tols., in 50 and 100 volts, BP and BX rated temp. and volt. temp. limits, terms. M, N, S, U, W, Y, life failure rates M, P, R, S.
CDR04*	1812	55681-952-87	/1	AVX Ceramics Corp. (2) All cap. values and tols., in 50 and 100 volts, BP and BX rated temp. and volt. temp. limits, term. M, life failure rate M.
CDR04*	C1812	55681-890-73	/1	Kemet Electronics Corp. All cap. values and tols., in 50 and 100 volts, BP and BX rated temp. and volt. temp. limits, terms. S, U, W, Y, life failure rates M, P, R, S.
CDR04*	7274	55681-883-75	/1	Vitramon, Inc. All cap. values and tols., in 50 and 100 volts, BP and BX rated temp. and volt. temp. limits, terms. M, W, Y, life failure rates M, P, R, S.

GOVERNMENT DESIGNATION	MANUFACTURER'S TEST OR DESIGNATION	QUALIFICATION OR TYPE NUMBER	CATION REFERENCE	SPECIFI- CATION SHEET	MANUFACTURER'S NAME (ADDRESS ON LAST PAGE)
CDR05*		1825-CDR05	55681-401-79	/2	AVX Ceramics Corp. (1)
All cap. values and tols., in 50 and 100 volts, BP and BX rated temp. and volt. temp. limits, terms. M, N, S, U, W, Y, life failure rates M, P, R, S.					
CDR05*	1825	55681-953-87	/2	AVX Ceramics Corp. (2)	
All cap. values and tols., in 50 and 100 volts, BP and BX rated temp. and volt. temp. limits, term. M, life failure rate M.					
CDR05*	C1825	55681-891-73	/2	Kemet Electronics Corp.	
All cap. values and tols., in 50 and 100 volts, BP and BX rated temp. and volt. temp. limits, terms. S, U, W, Y, life failure rates M, P, R, S.					
CDR06*	2225-CDR06	55681-401-79	/3	AVX Ceramics Corp. (1)	
All cap. values and tols., in 50 and 100 volts, BP and BX rated temp. and volt. temp. limits, terms. M, N, S, U, W, Y, life failure rates M, P, R, S.					
CDR06*	2225	55681-954-87	/3	AVX Ceramics Corp. (2)	
All cap. values and tols., in 50 and 100 volts, BX rated temp. and volt. temp. limits, term. M, life failure rate M.					
CDR06*	C2225	55681-892-73	/3	Kemet Electronics Corp.	
All cap. values and tols., in 50 and 100 volts, BP and BX rated temp. and volt. temp. limits, terms. S, U, W, Y, life failure rates M, P, R, S.					
CDR06*	7276	55681-885-75	/3	Vitramon, Inc.	
All cap. values and tols., in 50 and 100 volts, BX rated temp. and volt. temp. limits, terms. M, W, Y, life failure rates M, P, R, S.					
CDR11*	AQ11	55681-850-85	/4	AVX Ceramics Corp. (1)	
All cap. values and tols., in 50 volts, BG and BP rated temp. and volt. temp. limits, terms. M, N, S, U, W, Y, life failure rates M, P, R, S.					
CDR11	100A 710A	55681-72-95	/4	American Technical Ceramics	
All cap. values and tols., in 50 and 100 volts, BG and BP rated temp. and volt. temp. limits, terms. M and N, life failure rates M, P, R, S.					
CDR12*	AQ12	55681-850-85	/4	AVX Ceramics Corp. (1)	
All cap. values and tols., in 50 volts, BG and BP rated temp. and volt. temp. limits, terms. M, N, S, U, W, Y, life failure rates M, P, R, S.					
CDR12	100A 710A	55681-72-95	/4	American Technical Ceramics	
All cap. values and tols., in 50 and 150 volts, BG and BP rated temp. and volt. temp. limits, terms. S, U, and W, life failure rates M, P, R, S.					
CDR13*	AQ13	55681-851-85	/4	AVX Ceramics Corp. (1)	
All cap. values and tols., in 50, 100, 200, 300, and 500 volts, BG and BP rated temp. and volt. temp. limits, terms. M, N, S, U, W, Y, life failure rates M, P, R, S.					
CDR13	100B 700B 710B	55681-266-7T	/4	American Technical Ceramics	
All cap. values and tols., in 50, 100, 200, 300, and 500 volts, BG and BP rated temp. and volt. temp. limits, terms. M and N, life failure rates M, P, R, S.					

GOVERNMENT DESIGNATION	MANUFACTURER'S DESIGNATION OR TYPE NUMBER	TEST OR QUALIFICATION REFERENCE	SPECIFI- CATION SHEET	MANUFACTURER'S NAME (ADDRESS ON LAST PAGE)
CDR14*	AQ14	55681-852-85	/4	AVX Ceramics Corp. (1)
All cap. values and tols., in 50, 100, 200, 300, and 500 volts, BG and BP rated temp. and volt. temp. limits, terms. M, N, S, U, W, Y, life failure rates M, P, R, S.				
CDR14	100B 700B 710B	55681-267-7T	/4	American Technical Ceramics
All cap. values and tols., in 50, 100, 200, 300, and 500 volts, BG and BP rated temp. and volt. temp. limits, terms. S and U, life failure rates M, P, R, S.				
CDR21	100B 700B 710B	55681-268-7T	/5	American Technical Ceramics
All cap. values and tols., in 50, 100, 200, 300, and 500 volts, BG and BP rated temp. and volt. temp. limits, term. T, life failure rates M, P, R.				
CDR22	100B 700B 710B	55681-269-7T	/5	American Technical Ceramics
All cap. values and tols., in 50, 100, 200, 300, and 500 volts, BG and BP rated temp. and volt. temp. limits, term. T, life failure rates M, P, R.				
CDR23	100B 700B 710B	55681-270-7T	/5	American Technical Ceramics
All cap. values and tols., in 50, 100, 200, 300, and 500 volts, BG and BP rated temp. and volt. temp. limits, term. S, life failure rates M, P, R.				
CDR24	100B 700B 710B	55681-268-7T	/5	American Technical Ceramics
All cap. values and tols., in 50, 100, 200, 300, and 500 volts, BG and BP rated temp. and volt. temp. limits, term. T, life failure rates M, P, R.				
CDR25	100B 700B 710B	55681-271-7T	/5	American Technical Ceramics
All cap. values and tols., in 50, 100, 200, 300, and 500 volts, BG and BP rated temp. and volt. temp. limits, term. S, life failure rates M, P, R.				
CDR31*	0805	55681-9-90	/7	AVX Ceramics Corp. (1)
All cap. values and tols. in 50 and 100 volts, BP and BX rated temp. and volt. temp. limits, terms. M, N, S, U, W, Y, life failure rates M, P, R, S.				
CDR31*	C0805	55681-345-85	/7	Kemet Electronics Corp.
All cap. values and tols., in 50 and 100 volts, BP and BX rated temp. and volt. temp. limits, terms. S, U, W, Y, life failure rates M, P, R, S.				
CDR31*	7933	55681-931-87	/7	Vitramon, Inc.
All cap. values and tols., in 50 and 100 volts, BP and BX rated temp. and volt. temp. limits, terms. M, W, Y, life failure rates M, P, R, S.				
CDR32*	1206	55681-10-90	/8	AVX Ceramics Corp. (1)
All cap. values and tols. in 50 and 100 volts, BP and BX rated temp. and volt. temp. limits, terms. M, N, S, U, W, Y, life failure rates M, P, R, S.				
CDR32*	C1206	55681-346-85	/8	Kemet Electronics Corp.
All cap. values and tols., in 50 and 100 volts, BP and BX rated temp. and volt. temp. limits, terms. S, U, W, Y, life failure rates M, P, R, S.				
CDR32*	7934	55681-932-87	/8	Vitramon, Inc.
All cap. values and tols., in 50 and 100 volts, BP and BX rated temp. and volt. temp. limits, terms. M, W, Y, life failure rates M, P, R, S.				

GOVERNMENT DESIGNATION	MANUFACTURER'S TEST OR DESIGNATION	QUALIFICATION OR TYPE NUMBER REFERENCE	SPECIFI- CATION SHEET	MANUFACTURER'S NAME (ADDRESS ON LAST PAGE)
CDR33*	1210	55681-11-90	/9	AVX Ceramics Corp. (1) All cap. values and tols., BP and BX rated temp. and volt. temp. limits, terms. M, N, S, U, W, Y, life failure rates M, P, R, S.
CDR33*	C1210	55681-347-85	/9	Kemet Electronics Corp. All cap. values and tols. in 50 and 100 volts, BP and BX rated temp. and volt. temp. limits, terms. S, U, W, Y, life failure rates M, P, R, S.
CDR33*	7935	55681-933-87	/9	Vitramon, Inc. All cap. values and tols. in 50 and 100 volts, BP and BX rated temp. and volt. temp. limits, terms. M, W, Y, life failure rates M, P, R, S.
CDR34*	1812	55681-12-90	/10	AVX Ceramics Corp. (1) All cap. values and tols. in 50 and 100 volts, BP and BX rated temp. and volt. temp. limits, terms. M, N, S, U, W, Y, life failure rates M, P, R, S.
CDR34*	C1812	55681-348-85	/10	Kemet Electronics Corp. All cap. values and tols. in 50 and 100 volts, BP and BX rated temp. and volt. temp. limits, terms. S, U, W, Y, life failure rates M, P, R, S.
CDR34	8403	55681-530-91	/10	Vitramon, Inc. All cap. values and tols., in 50 and 100 volts, BP and BX rated temp. and volt. temp. limits, terms. M, W, Y, life failure rates M, P, R, S.
CDR35*	1825	55681-13-90	/11	AVX Ceramics Corp. (1) All cap. values and tols., in 50 and 100 volts, BP and BX rated temp. and volt. temp. limits, terms. M, N, S, U, W, Y, life failure rates M, P, R, S.
CDR35*	C1825	55681-349-85	/11	Kemet Electronics Corp. All cap. values and tols., in 50 and 100 volts, BP and BX rated temp. and volt. temp. limits, terms. S, U, W, Y, life failure rates M, P, R, S.
CDR35	8702	55681-531-91	/11	Vitramon, Inc. All cap. values and tols., in 50 and 100 volts, BP and BX rated temp. and volt. temp. limits, terms. M, W, Y, life failure rates M, P, R, S.

MANUFACTURER'S NAME, ADDRESS AND PLANT	CAGE CODE
AVX Ceramics Corporation 17th Avenue South Myrtle Beach, SC 29577 Plants: 1. Same Address 2. 5701 E. Fourth Plain Blvd. Vancouver, WA 98661	04222 0FDX0
American Technical Ceramics One Norden Lane Huntington Station, NY 11746 Plant: Same Address	29990
Kemet Electronics Corporation P.O. Box 5928 Greenville, SC 29606 Plant: Periferico Alianza y Jose Arresse #10 Matamoros, Mexico	31433
Presidio Components, Inc. 7185 Construction Court San Diego, CA 92121 Plant: Same Address	60212
Vitramon, Inc. P.O. Box 544 Bridgeport, CT 06601 Plant: Route 25 Monroe, CT	95275

AUTHORIZED ER DISTRIBUTORS (Category A unless otherwise specified):

MANUFACTURER: AVX Corporation
17th Avenue South
Myrtle Beach, SC 29577

AVX Corporation
3900 Electronics Drive
Raleigh, NC 27604-1698

*NS - (NON-STOCKING: NORMALLY DOES NOT STOCK PARTS IN QUANTITY)

Advacom, Inc.
8755-C Guion Road
Indianapolis, IN 46268

* Capstone
1162 Springlake Drive
Itasca, IL 60143-1362

Advacom, Inc.
1435-A Shoup Mill Road
Dayton, OH 45414

* Capstone
9801 Legler Road
Lenexa, KS 66219

Advacom, Inc.
26250 Euclid Avenue, Suite 525
Euclid, OH 44132

Capstone
25 Upton Drive
Wilmington, MA 01887

Advacom, Inc.
30 Chapin Road, Bldg. 1209
Pine Brook, NJ 07058

Capstone
18640 Lake Drive E.
Chanhassen, MN 55317

Advacom, Inc.
2258 Keuka Business Park
Penn Yan, NY 14527

Capstone
5230 Green's Dairy Road
Raleigh, NC 27604

Advacom, Inc.
5620 West Road
McKean, PA 16426

* Capstone
4 East Stow Road, Suite 12
Marlton, NJ 08053

Advacom, Inc.
10071 Sanmeyer Lane
Philadelphia, PA 19116

* Capstone
9500 S.W. Nimbus Drive
Beaverton, OR 97008

Advacom, Inc.
100 Sagamore Hill Road
Pittsburgh, PA 15239-2982

* Capstone
3220 Commander Drive
Carrollton, TX 75006

C & D Electronics
28 Appleton Street
Holyoke, MA 01040

Future Electronics
6767 Old Madison Pike, Suite 400A
Huntsville, AL 35806

California Capacitor
1579 Centre Pointe Drive
Milpitas, CA 95035-6834

Future Electronics
4636 E. University Drive, Suite 245
Phoenix, AZ 85034

Capstone
6 Cromwell Street, Suite 100
Irvine, CA 92718

* Future Electronics
27489 W. Agoura Road, Suite 300
Agoura Hills, CA 91301

Capstone
1160 Ridder Park Drive
San Jose, CA 95131

* Future Electronics
25-B Technology, Suite 200
Irvine, CA 92718

Capstone
*
1093 Meyerside Drive
Mississauga, Ontario, Canada L5T 1M4

Future Electronics
755 Sunrise Avenue, Suite 150
Roseville, CA 95661

Capstone
3254-A Fraser Street
Aurora, CO 80011

Future Electronics
5151 Shoreham Place, Suite 220
San Diego, CA 92122

MANUFACTURER: AVX Corporation (Continued)

Future Electronics 2220 O'Toole Avenue San Jose, CA 95131	*	Future Electronics 3100 W. Higgins Road, Suite 160 Hoffman Estates, IL 60195	*
Future Electronics - Canada 2015 32nd Avenue, N.E. Calgary, Alberta T2E 6Z3	*	Future Electronics 8425 Woodfield Crossing, Suite 175 Indianapolis, IN 46240	*
Future Electronics - Canada 6029 103rd Street Edmonton, Alberta T6H 2H3	*	Future Electronics 10977 Granada Lane, Suite 210 Overland Park, KS 66211	*
Future Electronics - Canada 1695 Boundary Road Vancouver, B.C. V5K 4X7	*	Future Electronics 41 East Main Street Bolton, MA 01740	
Future Electronics - Canada 106 King Edward Winnipeg, Manitoba R3H 0N8	*	Future Electronics 6716 Alexander Bell Drive, Suite 220 Columbia, MD 21046	*
Future Electronics - Canada 5935 Airport Road, Suite 200 Mississauga, Ontario L4V 1W5	*	Future Electronics S.A. de C.V. Chimal Huacan 3369 5T0 Pisco - 8CD Del Sol Zapopan, Jalisco 45050 Mexico	*
Future Electronics - Canada 1101 Prince of Wales Drive, Suite 210 Ottawa, Ontario K2C 3W7	*	Future Electronics 35200 Schoolcraft Road, Suite 106 Livonia, MI 48150	*
Future Electronics - Canada 237 Hymus Boulevard Pointe Claire, Quebec H9R 5C7	*	Future Electronics 4505 Broadmoor, S.E. Grand Rapids, MI 49512	*
Future Electronics - Canada 1000 Ave., St. John Baptiste, Suite 100 Quebec, Quebec G2E 5G5	*	Future Electronics 10025 Valley View Road, Suite 196 Eden Prairie, MN 55344	*
Future Electronics 12600 W. Colfax Ave., Suite B110 Lakewood, CO 80215	*	Future Electronics 12125 Woodcrest Executive Drive Suite 220 St. Louis, MO 63141	*
Future Electronics Westgate Office Center 700 W. Johnson Avenue Cheshire, CT 06410	*	Future Electronics 8401 University Executive Pk., Suite 108 Charlotte, NC 28282	*
Future Electronics 237 S. Westmonte Drive, Suite 307 Altamonte Springs, FL 32714	*	Future Electronics 5225 Capital Boulevard 1 North Commerce Center Raleigh, NC 27604	*
Future Electronics 1400 E. Newport Center Dr., Suite 200 Deerfield Beach, FL 33442	*	Future Electronics 12 East Stowe Road, Suite 200 Marlton, NJ 08053	*
Future Electronics 2200 Tall Pines Drive, Suite 108 Largo, FL 34621	*	Future Electronics 1259 Route 46E Parsippany, NJ 07054	*
Future Electronics 3150 Holcomb Bridge Road, Suite 130 Norcross, GA 30071	*		

MANUFACTURER: AVX Corporation (Continued)

Future Electronics 801 Motor Parkway Hauppauge, NY 11788	*	Hamilton Hallmark 4890 University Drive, Suite 1 Huntsville, AL 35805
Future Electronics 300 Linden Oaks Rochester, NY 14625	*	Hamilton Hallmark #5 Hummingbird Lane Eurfaula, AL 36027
Future Electronics 200 Salina Meadows Pkwy, Suite 130 Syracuse, NY 13212	*	Hamilton Hallmark 60 S. McKemy Road Chandler, AZ 85226
Future Electronics 1430 Oak Court, Suite 203 Beavercreek, OH 45430	*	Hamilton Hallmark 915 Kiowa Avenue Lake Havasu City, AZ 86403
Future Electronics 6009-E Landerhaven Drive Mayfield Heights, OH 44124	*	Hamilton Hallmark 2617 S. 46th Street Phoenix, AZ 85034
Future Electronics 7204 S.W. Durham Road, Suite 800 Portland, OR 97224	*	Hamilton Hallmark 615 S. River Road Tempe, AZ 85281
Future Electronics URB Belmonte Galicia #45 Mayaguez, PR 00680	*	Hamilton Hallmark 7400 North Oracle, Suite 321 Tucson, AZ 85701
Future Electronics 6850 Austin Center Boulevard Suite 320 Austin, TX 78731	*	Hamilton Hallmark 10950 Washington Boulevard Culver City, CA 90232
Future Electronics 7500 Viscount, Suite C75 El Paso, TX 79925	*	Hamilton Hallmark 44141 S. Grimmer Boulevard Fremont, CA 94538
Future Electronics 10333 Richmond Avenue, Suite 97D Houston, TX 77042	*	Hamilton Hallmark 17335 Mt. Wynne Fountain Valley, CA 92708
Future Electronics 800 E. Campbell, Suite 130 Richardson, TX 75081	*	Hamilton Hallmark 7230 Hollister Goleta, CA 93117
Future Electronics 3450 S. Highland Drive, Suite 301 Salt Lake City, UT 84106	*	Hamilton Hallmark 140 Technology Drive, Suite 400 Irvine, CA 92718
Future Electronics North Creek Corporate Center 19102 North Creek Parkway, Suite 118 Bothell, WA 98011	*	Hamilton Hallmark 1010 Commerce Way Paso Robles, CA 93446
Future Electronics 250 N. Patrick Boulevard, Suite 170 Brookfield, WI 53045	*	Hamilton Hallmark 167 West Poplar Porterville, CA 93257
		Hamilton Hallmark 800 Saginaw Road Redwood City, CA

MANUFACTURER: AVX Corporation (Continued)

Hamilton Hallmark
580 Menlo Drive, Suite 2
Rocklin, CA 95677

Hamilton Hallmark
5516 Rio Vista Drive
Clearwater, FL 34620

Hamilton Hallmark
4545 Viewridge Avenue
San Diego, CA 92123

Hamilton Hallmark
3350 N.W. 53rd Street, Suite 105-107
Ft. Lauderdale, FL 33309

Hamilton Hallmark
2105 Lundy Avenue
San Jose, CA 95131

Hamilton Hallmark
2100 N.W. 62nd Street
Ft. Lauderdale, FL 33310

Hamilton Hallmark
520 Mercury Drive
Sunnyvale, CA 94086-4018

Hamilton Hallmark
651 W. 20th Street
Hialeah, FL 33010

Hamilton Hallmark
1382 Bell Avenue
Tustin, CA 92680

Hamilton Hallmark
1575 Baymeadows Way
Jacksonville, FL 32256

Hamilton Hallmark
21150 Califa Street
Woodland Hills, CA 91327

Hamilton Hallmark
8545 126th Avenue North
Largo, FL 34643

Hamilton Hallmark
8610 Commerce Court
Burnaby, B.C., V5A 4N6 Canada

Hamilton Hallmark
6101 Lake Eleanor Drive
Orlando, FL 32809

Hamilton Hallmark
151 Superior Boulevard, Unit 1-6
Mississauga, Ontario L5T 2L1 Canada

Hamilton Hallmark
2900 Crateway Drive
Pompano Beach, FL 33069

Hamilton Hallmark
190 Colonnade Road
Nepean, Ontario K2E 7J5 Canada

Hamilton Hallmark
13750 Reptron Boulevard
Tampa, FL

Hamilton Hallmark
7575 Transcanada Highway, Suite 600
Ville St. Laurent, Quebec H4T 1V6 Canada

Hamilton Hallmark
7079 University Boulevard
Winter Park, FL 32792

Hamilton Hallmark
725 Wooten Road, Suite 28
Colorado Springs, CO 80915

Hamilton Hallmark
3425 Corporate Way, Suites G & A
Duluth, GA 30136

Hamilton Hallmark
12503 E. Euclid Avenue, Suite 20
Englewood, CO 80111

Hamilton Hallmark
3030 Salt Creek Lane, Suite 300
Arlington Heights, IL 60005

Hamilton Hallmark
1201 Oak Street
Lakewood, CO 80215

Hamilton Hallmark
1315 Paramount Parkway
Batavia, IL 60510

Hamilton Hallmark
1200 W. 120th Avenue
Westminster, CO 80234

Hamilton Hallmark
1000 Remington
Bolingbrook, IL 60440

Hamilton Hallmark
1157 Highland Avenue, Suite 207
Cheshire, CT 06410

Hamilton Hallmark
1602 Newton Drive
Champaign, IL 61821

MANUFACTURER: AVX Corporation (Continued)

Hamilton Hallmark
1675 Delancy Road
Gurnee, IL 60031

Hamilton Hallmark
750 N. Maple Road
Saline, MI 48176

Hamilton Hallmark
902 S. Second
Marshall, IL 62441

Hamilton Hallmark
9401 James Avenue S., Suite 140
Bloomington, MN 55431

Hamilton Hallmark
620 Stetson Avenue
St. Charles, IL 60174

Hamilton Hallmark
3783 Rider Trail, S.
Earth City, MO 63045

Hamilton Hallmark
Highway 46, Door R6
Batesville, IN 47006

Hamilton Hallmark
2100 W. Broad Street
Elizabethtown, NC 28337

Hamilton Hallmark
655 W. Carmel Drive, Suite 160
Carmel, IN 46032

Hamilton Hallmark
U.S. Route 97
Elm City, NC 27822

Hamilton Hallmark
1010 West Chestnut
Chanute, KS 66720

Hamilton Hallmark
5234 Green's Dairy Road
Raleigh, NC 27604

Hamilton Hallmark
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9200 Indian Creek Parkway
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Hamilton Hallmark
121 Whillendale Drive
Morristown, NJ 08057

Hamilton Hallmark
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Lexington, KY 45011

Hamilton Hallmark
10 Lanidex Plaza West
Parsippany, NJ 07054

Hamilton Hallmark
12 Channel Street
Boston, MA 02111

Hamilton Hallmark
415 Hamburg Turnpike
Wayne, NJ 07470

Hamilton Hallmark
10-D Centennial Drive
Peabody, MA 01960

Hamilton Hallmark
185 Monmouth Parkway
W. Long Beach, NJ 07764

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500 Arsenal Street
Watertown, MA 02172

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7134 Columbia Gateway Circle, Suite 100
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2060 Townline Road
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Dayton, OH 45459

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44 Horn Mill Road
York, PA

Hamilton Hallmark
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Madison, WI 53717

Hamilton Hallmark
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Milwaukee, WI 53223

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Kent Electronics, Inc.
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6316 College Boulevard
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9320 Telstar Avenue
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Kent Electronics, Inc.
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9661 Telstar Avenue
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50 East Commerce, Unit 1
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Milgray Electronics, Inc.
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77 Schmitt Boulevard
Farmingdale, NY 11735

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Milgray Electronics, Inc.
1170 Pittsford-Victor Road, Suite 200
Pittsford, NY 14534-3807

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Milgray Electronics, Inc. 8705 S.W. Nimbus Avenue, Suite 206 Beaverton, OR 97008	*	Projections Unlimited, Inc. 1456 South 200 E. Farmington, UT 84025	*
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Milgray Electronics, Inc. 12000 Richmond Avenue, Suite 31 Houston, TX 77082	*	Time Electronics 2617 S. 46th Street Phoenix, AZ 85034	
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Projections Unlimited, Inc. 1605-A South Main Street Milpitas, CA 95035	*	Time Electronics 4203 Vineland, Suite K-7 Orlando, FL 32811	
Projections Unlimited, Inc. 10054 Mesa Ridge Court, Suite 114 San Diego, CA 92121	*	Time Electronics 3425 Corporate Way Duluth, GA 30136	
Projections Unlimited, Inc. 14831 Myford Road Tustin, CA 92680		Time Electronics 500 Lake Ridge Drive Smyrna, GA 30082	

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Arlington Heights, IL 60005

Time Electronics
8216 154th Avenue, N.E.
Redmond, WA 98052

Time Electronics
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Peabody, MA 01960

Tri-Start Electronics
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Pleasant Garden, NC 27313

Time Electronics
7134 Columbia Gateway Drive, Suite 400
Columbia, MD 21046

Tri-Start Electronics
277 Fairfield Road, Suite 122
Fairfield, NJ 07006

Time Electronics
5959 Baker Road, Suite 350
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Tri-Start Electronics
18 Broad Street, Room 811
Charleston, SC 29401

Time Electronics
319 Consort Drive
Manchester, MO 63011

Tri-Start Electronics
134 Remington Boulevard
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5234 Green's Dairy Road
Raleigh, NC 27604

Time Electronics
7000 Atrium Way, Suite 4
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Time Electronics
10 Lanidex Plaza West
Parsippany, NJ 07054

Time Electronics
70 Marcus Boulevard
Hauppauge, NY 11788

Time Electronics
5792 Widewaters Parkway
Syracuse, NY 13214

Time Electronics
5000 Rockside Road
Independence, OH 44131

Time Electronics
9750 S.W. Nimbus Avenue
Beaverton, OR 97005

Time Electronics
12211 Technology Boulevard
Austin, TX 78727

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11333 Pagemill Road
Dallas, TX 75243

Time Electronics
10500 Richmond Avenue
Houston, TX 77042

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Acacia * 16592 Millikan Avenue Irvine, CA 92714	Bell Industries * 11812 San Vincente Boulevard Los Angeles, CA 90049
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Alliance Electronics, Inc. 3411 Bryn Mawr, N.E. Albuquerque, NM 87107	Bell Industries * 600 S. Northlake Boulevard Altamonte Springs, FL 32701
Arm Bar Industries P.O. Box 339 139 White Oak Lane Old Bridge, NJ 08857	Bell Industries * 3020-A Business Park Drive Norcross, GA 30071
Bell Industries * 140 S. Lindon Lane Tempe, AZ 85281	Bell Industries * 870 Cambridge Elk Grove Village, IL 60007
Bell Industries * 30301 Agoura Court Agoura Hills, CA 91301	Bell Industries * 5226 West 79th Street Indianapolis, IN 46278
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Bell Industries 100 Burtt Road Andover, MA 01810	*	Electro Sonic, Inc. 1335 Carling Avenue, Suite 202 Ottawa, Ontario K1Z 8N8, Canada	*
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Bell Industries 158 Gaither Drie Mt. Laurel, NJ 08054	*	Electro Sonic, Inc. 1661 Portage Avenue Winnipeg, Manitoba R3J 3T7, Canada	*
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Electro Sonic, Inc. 237 N. Heritage Trail, S.E. Calgary, Alberta T2H 0M6, Canada	*	Hamilton/Hallmark 3030 Salt Creek Lane, Suite 300 Arlington Heights, IL 60006	
Electro Sonic, Inc. 4020 Viking Way Richmond, B.C., V6U 2N2, Canada	*	Hammond Electronics 4111-B Evangel Circle, N.W. Huntsville, AL 35816	

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Jaco Electronics
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Jaco Electronics
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4747 West Century Boulevard
Inglewood, CA 90304-1441

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1541-A Parkway Loop
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217 Wilcox Avenue
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4900 S.W. Griffith Drive
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707 Easy Street
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Pioneer Electronics 217 Technology Drive, #110 Irvine, CA 92718		Pioneer/Pittsburgh 259 Kappa Drive Pittsburgh, PA 15238	*
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Pioneer/Norwalk Two Trap Falls Shelton, CT 06484	*	Pioneer/Dallas 13765 Beta Road Dallas, TX 75240	*
Pioneer/Chicago 2171 Executive Drive, Suite 200 Addison, IL 60101	*	Pioneer/Houston 10530 Rockley Road Houston, TX 77099-3529	*
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Pioneer/Lexington 44 Hartwell Avenue Lexington, MA 02173	*	Pioneer Technologies 4825 University Square Huntsville, AL 35805	*
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